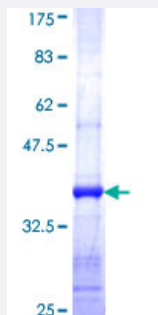


FBP2 (Human) Recombinant Protein (Q01)

Catalog # H00008789-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human FBP2 partial ORF (NP_003828, 240 a.a. - 339 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	PYGARYVGSMVADVHRTLVIYGGIFLYPANQKSPKGKLRLLYECNPVAYIIEQAGGLATTGTQPVLD VKPEAIHQRVPLILGSPEDVQEYLTVCVQKNQAGS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — FBP2

Entrez GeneID	8789
GeneBank Accession#	NM_003837
Protein Accession#	NP_003828
Gene Name	FBP2
Gene Alias	MGC142192
Gene Description	fructose-1,6-bisphosphatase 2
Omim ID	603027
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a gluconeogenesis regulatory enzyme which catalyzes the hydrolysis of fructose 1,6-bisphosphate to fructose 6-phosphate and inorganic phosphate. [provided by RefSeq]
Other Designations	D-fructose-1,6-bisphosphate 1-phosphohydrolase FBPase OTTHUMP00000021696 fructose-1,6-bisphosphatase isozyme 2 hexosediphosphatase muscle fructose-bisphosphatase

Pathway

- [Biosynthesis of phenylpropanoids](#)
- [Carbon fixation in photosynthetic organisms](#)
- [Fructose and mannose metabolism](#)
- [Glycolysis / Gluconeogenesis](#)

- [Insulin signaling pathway](#)
- [Metabolic pathways](#)
- [Pentose phosphate pathway](#)